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TRANSMITTAL FORM

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TRANSMITTAL FORM <i>(to be used for all correspondence after initial filing)</i>	Application Number	10/765,044
	Filing Date	January 28, 2004
	First Named Inventor	Michael J. FREEMAN
	Art Unit	Not Yet Assigned
	Examiner Name	Not Yet Assigned
Total Number of Pages in This Submission	Attorney Docket Number 559442000104	

ENCLOSURES (Check all that apply)

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SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	MORRISON & FOERSTER LLP		
Signature			
Printed name	Jonathan Bockman		
Date	December 23, 2005	Reg. No.	45,640

PATENT
Docket No. 559442000104



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

the application of:

Michael J. FREEMAN et al.

Serial No.: 10/765,044

Filing Date: January 28, 2004

For: **DIGITAL INTERACTIVE SYSTEM
FOR PROVIDING FULL
INTERACTIVITY WITH
PROGRAMMING EVENTS**

Examiner: Not Yet Assigned

Group Art Unit: 2611

**SUPPLEMENTAL INFORMATION DISCLOSURE
STATEMENT UNDER 37 C.F.R. § 1.97**

MS Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Dear Sir:

Pursuant to 37 C.F.R. § 1.97 and § 1.98, Applicants submit for consideration in the above-identified application the documents listed on the attached Form PTO/SB/08a/b. Copies of the foreign documents and non-patent literature are also submitted herewith. The Examiner is requested to make these documents of record.

This Supplemental Information Disclosure Statement is submitted before mailing of a first Office Action on the merits; accordingly, no fee or separate requirements are required.

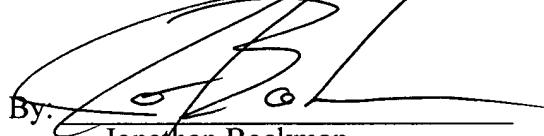
Applicants would appreciate the Examiner initialing and returning the Form PTO/SB/08a/b, indicating that the information has been considered and made of record herein.

The information contained in this Supplemental Information Disclosure Statement under 37 C.F.R. § 1.97 and § 1.98 is not to be construed as a representation that: (i) a complete search has been made; (ii) additional information material to the examination of this application does not exist; (iii) the information, protocols, results and the like reported by third parties are accurate or enabling; or (iv) the above information constitutes prior art to the subject invention.

In the unlikely event that the transmittal form is separated from this document and the Patent Office determines that an extension and/or other relief (such as payment of a fee under 37 C.F.R. § 1.17 (p)) is required, Applicant petitions for any required relief including extensions of time and authorizes the Commissioner to charge the cost of such petitions and/or other fees due in connection with the filing of this document to **Deposit Account No. 03-1952** referencing **559442000104**.

Dated: December 23, 2005

Respectfully submitted,


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Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Complete if Known	
Sheet	1	of	3	Application Number	10/765,044
				Filing Date	January 28, 2004
				First Named Inventor	Michael J. FREEMAN
				Art Unit	Not yet assigned
				Examiner Name	Not yet assigned
				Attorney Docket Number	559442000104

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ³ (if known)			
1.		4,730,188	3/8/1988	Milheiser	
2.		5,263,723	11/23/1993	Pearson et al.	
3.		5,502,497	3/26/1996	Yamaashi et al.	
4.		5,937,331	8/10/1999	Kalluri et al.	
5.		6,173,317	1/9/2001	Chaddha et al.	
6.		6,195,680	2/27/2001	Goldszmidt et al.	
7.		6,239,797	5/29/2001	Hills et al.	
8.		6,240,183	5/29/2001	Marchant	
9.		6,240,555	5/29/2001	Shoff et al.	
10.		2001/0003823	6/14/2001	Mighdol et al.	
11.		6,256,785	7/3/2001	Klappert et al.	
12.		6,285,407	9/7/2001	Yasuki et al.	
13.		6,389,458	5/14/2002	Shuster	
14.		6,401,085	6/4/2002	Gershman et al.	
15.		6,526,335	2/25/2003	Treyz et al.	
16.		6,625,647	9/23/2003	Berrick et al.	
17.		6,732,158	5/4/2004	Hesselink et al.	
18.		6,760,749	7/6/2004	Dunlap et al.	
19.		6,760,916	7/6/2004	Holtz et al.	
20.		6,769,130	7/27/2004	Getsin et al.	

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code ³ -Number-Kind Code ³ (if known)			
21.		GB 2 132 856-A	7/11/1984		
22.		EP 0 163 577-A2	12/4/1985		
23.		JP 4-127688	4/28/1992		
24.		JP 5-64167	3/12/1993		translation of abstract only
25.		WO 93/06675-A1	4/1/1993		
26.		WO 93/07713-A1	4/15/1993		
27.		JP 5176306	7/13/1993		translation of abstract only
28.		JP 060303543	10/28/1994		translation of abstract only
29.		EP 0 673 164-A1	3/8/1995		
30.		JP 7-288606	10/31/1995		translation of abstract only
31.		JP 7-307813	11/21/1995		translation of abstract only
32.		JP 8-8860	1/12/1996		translation of abstract only
33.		WO 96/08923-A1	3/21/1996		
34.		WO 96/17492-A2	6/6/1996		
35.		WO 97/02689-A1	1/23/1997		
36.		WO 97/29591-A1	8/14/1997		

Examiner Signature	Date Considered
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37.	WO 97/33434-A1	9/12/1997			
38.	EP 0 805 598-A1	11/5/1997			
39.	EP 0 837 609-A2	4/22/1998			
40.	WO 98/23080-A2	5/28/1998			
41.	EP 0 847 200-A1	6/10/1998			
42.	WO 98/29956-A2	7/9/1998			
43.	WO 98/44737-A1	10/8/1998			
44.	EP 0 871 337-A2	10/14/1998			
45.	EP 0 879 536 B1	11/25/1998			
46.	GB 2 325 537-A	11/25/1998			
47.	GB 2 327 837-A	2/3/1999			
48.	WO 99/09741-A1	2/25/1999			
49.	WO 99/27713-A2	6/3/1999			
50.	WO 99/44159-A1	9/2/1999			
51.	WO 99/45726-A1	9/10/1999			
52.	WO 99/50778-A1	10/7/1999			
53.	EP 0 952 539-A2	10/27/1999			
54.	WO 00/14987-A1	3/16/2000			
55.	WO 00/36836-A1	6/22/2000			
56.	WO 00/36886-A1	6/22/2000		translation of abstract only	
57.	AU 717399	7/6/2000		corresponds to WO-97/29591	
58.	EP 1 021 037-A2	7/19/2000			
59.	WO 00/43853-A2	7/27/2000			
60.	WO 00/43892-A1	7/27/2000			
61.	WO 00/43899-A1	7/27/2000			
62.	GB 2 347 055-A	8/23/2000			
63.	WO 00/51310-A1	8/31/2000			
64.	GB 2 350 213-A	11/22/2000			
65.	WO 00/77664-A2	12/21/2000			
66.	GB 2,353,430-A	2/21/2001			
67.	EP 1 089 201-A1	4/4/2001			
68.	WO 01/24027-A1	4/5/2001			
69.	GB 2 359 708-A	8/29/2001			
70.	GB 2 359 958-A	9/5/2001			
71.	WO 02/31627-A2	4/18/2002			
72.	WO 02/065252-A2	8/22/2002			
73.	WO 02/065318-A2	8/22/2002			

*EXAMINER: Initial if information considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS					
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			² T ²

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Sheet	3	of	3	Attorney Docket Number	559442000104

74.	Susie J.Wee et al., "Slicing MPEG Video Streams in the Compressed Domain", IEEE, 1997, pp. 225-230
75.	Norm Hurst et al., "MPEG Splicing: A New Standard for Television - SMPTE 312M," November 1998, pp. 978-988
76.	"Joining Television and the Internet Using Java", Internet Week, pp. 1-2, April 1, 1996
77.	Dybvik et al., "Combining WWW/Mosaic with Realtime Multimedia Conferencing in Distance Education," The Second International WWW Conference '94, Mosaic and the Web, Advance Proceedings, Vol. 1, October 17-20, 1994 at 423
78.	Tak K. Woo et al., "A Synchronous Collaboration Tool for the World-Wide Web," Second International WWW Conference '94, Mosaic and the Web, Advance Proceedings, Vol. 1, Oct. 17-20, 1994, at 315
79.	Intercast Industry Group, Press Release, "Leaders in PC, Broadcast and Cable Industries Announce Formation of Industry Group to Promote New Digital Medium for the Home PC," Business Wire, October 23, 1995
80.	"Frequently Asked Questions," The Intercast Industry Group, Fall 1996, pp. 1-7
81.	Vinay Kumar et al., "A Shared Web to Support Design Teams," Third Workshop on Enabling Technologies: Infrastructure for Collaborative Enterprises, Morgantown, West Virginia, April 17-19, 1994 at 178
82.	Nikkei Bp Corp., "Intercast Using Gap Television Signal," Nikkei Electronics, Japan, 18 December 1995, No. 651, p. 106
83.	Television Society, "Interactive Television Broadcast Using Character Broadcast System, Video Information and Broadcast Technology," 20 November 1995, Vol. 11, p. 1482-1487
84.	Cline et al., "DirectShow RTP Support for Adaptivity in Networked Multimedia Applications", Multimedia Computing and Systems, 1998, Proceedings, IEEE International Conference June 28-July 1, 1998, pages 13-22
85.	Mannos, T.J., "Re: Web page prefetching?" located at <URL: http://dejanews.com > retrieved on October 4, 2002, DEJA News (Online), December 1, 1997
86.	Philippe Le Hegaret, "Document Object Module (DOM)," Architecture Domain retrieved from www.w3.org/DOM/ on June 22, 2001, 2 pages
87.	S. Gillich et al., "ATVEF Integration with DVB Using IP/MPE," December 20, 1999, retrieved from www.atvef.com/library/atvef-dub-bindingR8.html retrieved on June 8, 2001, 5 pages
88.	J. Steinhorn et al., "Embedded Systems Programming-Enhancing TV with ATVEF," retrieved from www.embedded.com/1999/9910/9910ial.htm on March 28, 2000, 10 pages
89.	"Enhanced Content Specification," ATVEF, 1998, retrieved from www.atvef.com/library/spec1-la.html on March 28, 2000, 38 pages
90.	"Advanced Television Enhancement Forum Specification (ATVEF)," Comment Draft Version 1.0rl, 2/25/99, XP002142688
91.	Advanced Television Systems Committee, "ATSC Digital Television Standard Revision A," April 6, 2001, pp. 1-65
92.	Advanced Television Systems Committee, "ATSC, Summary of Standards and Activities," November 21, 2000, pp. 1-3
93.	Advanced Television Systems Committee, "ATSC Data Broadcast Standard," July 26, 2000, pp. 1-88
94.	Eitz, "Combiners for Videotext Signals," Broadcast Technology Reports, translation of vol. 28, no. 6, November 1984, pages 273-289, XP002182048, Norderstedt, Germany
95.	Almerot Quinn "IP Multicast Applications: Challenges and Solutions," IETF Draft retrieved from the Internet: URL: http://www.cs.ucsb.edu/~almeroth/classes/S00.276/papers/McastApps.txt retrieved on March 3, 2005, pp. 1-27
96.	Zabele Braudes "Requirements for Multicast Protocols," IETF RFC, retrieved from the Internet: URL: www.ietf.org/rfc/rfc1458.txt , May 1993, pp. 1-19
97.	ATNEWYORKSTAFF: "ACTV Reinvents Internet Television Service," retrieved from the Internet: URL: http://www.atnewyork.com/news/article.php/249871 retrieved on October 17, 2003; 1 page

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